



DERWENT-ACC-NO:

1990-290839

DERWENT-WEEK:

199039

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TITLE:

Fastener for attaching e.g. <u>panels</u> to concrete

structures - has threaded bush to adjust space between

panel and structure

INVENTOR: DEVANTIER, P; SCHULZE, S; SCHULZE, W

PATENT-ASSIGNEE: DEUT BAUAKADEMIE[DEUB]

PRIORITY-DATA: 1988DD-0323017 (December 12, 1988)

PATENT-FAMILY:

PUB-NO

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LANGUAGE

PAGES MAIN-IPC

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**APPLICATION-DATA:** 

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**APPL-DESCRIPTOR** 

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INT-CL (IPC): E04B001/41

ABSTRACTED-PUB-NO: DD 277933A

**BASIC-ABSTRACT:** 

The adjustable fastening device is for attaching <u>panels</u>, mats and woven material, as well as rails, bars, adaptors, etc, at a distance from a basic surface of solid or lightweight concrete, masonry, wood or plastics.

The device consists of a cylindrical bush with an external and an internal screw thread. The floor end of this bush forms a support surface. A fitting with an internal screw thread is screwed onto the external thread of the bush. This fitting has a support plate with central adjustment. A bolt is screwed into the internal thread of the bush. This bolt has a conical tip and its shank forms a support surface for a rotatable head.

**USE** - Fastener for use in building industry.

CHOSEN-DRAWING: Dwg.1/1

TITLE-TERMS: FASTEN ATTACH <u>PANEL</u> CONCRETE STRUCTURE <u>THREAD</u> BUSH ADJUST SPACE PANEL STRUCTURE

**DERWENT-CLASS: Q43** 

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1990-223804